

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110824\
 Data File : BE101554.D
 Acq On : 8 Nov 2024 16:20
 Operator : RC/JU
 Sample : P4739-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-B2

Quant Time: Nov 08 16:13:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 00:01:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

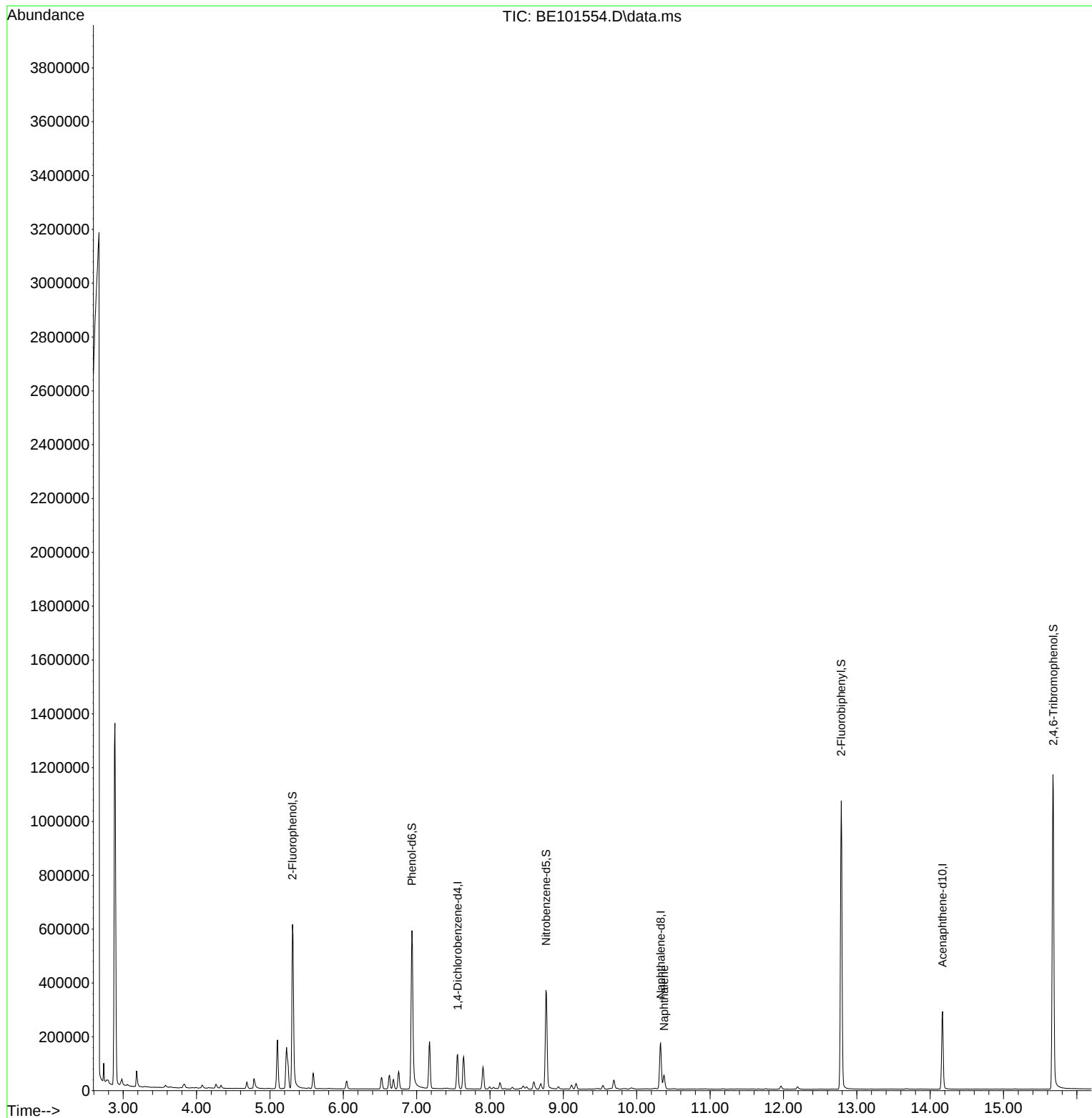
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	35981	20.000	ng	0.00
21) Naphthalene-d8	10.326	136	152008	20.000	ng	0.00
39) Acenaphthene-d10	14.168	164	104618	20.000	ng	0.00
64) Phenanthrene-d10	16.906	188	262241	20.000	ng	0.00
76) Chrysene-d12	21.066	240	362112	20.000	ng	-0.01
86) Perylene-d12	23.352	264	459208	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.308	112	309909	152.295	ng	0.00
7) Phenol-d6	6.936	99	381111	136.597	ng	-0.01
23) Nitrobenzene-d5	8.763	82	227095	94.366	ng	-0.01
42) 2,4,6-Tribromophenol	15.678	330	316067	160.555	ng	0.00
45) 2-Fluorobiphenyl	12.788	172	574774	89.707	ng	-0.01
79) Terphenyl-d14	19.497	244	1791177	109.493	ng	0.00
Target Compounds						
31) Naphthalene	10.373	128	43586	5.680	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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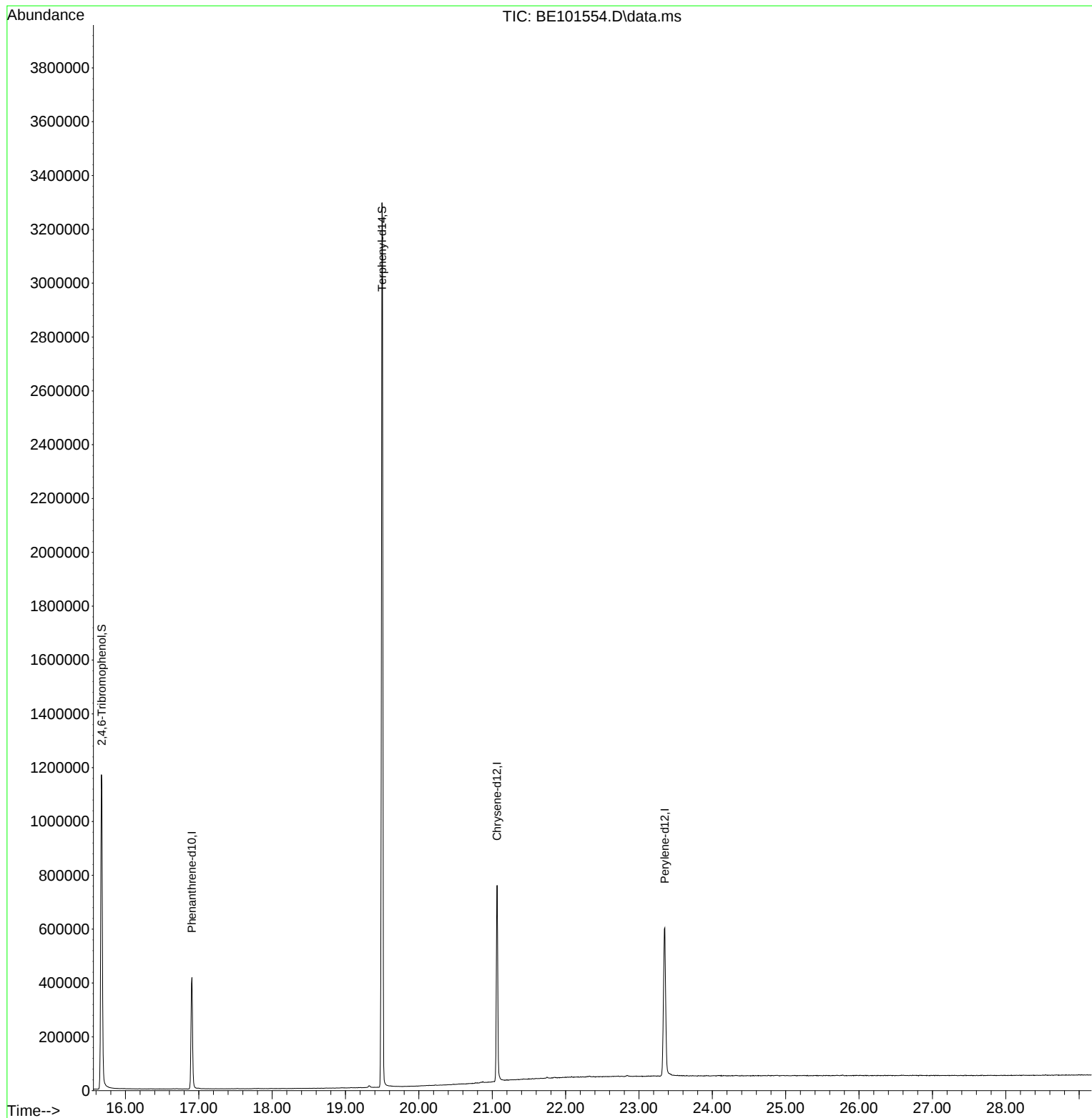
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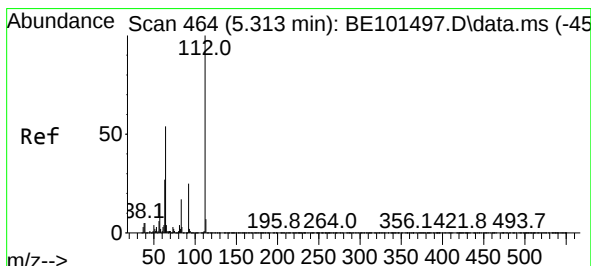
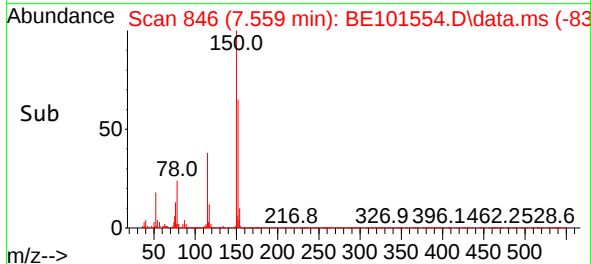
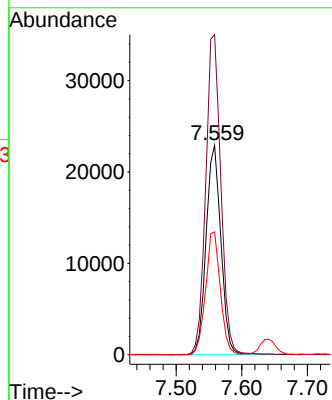
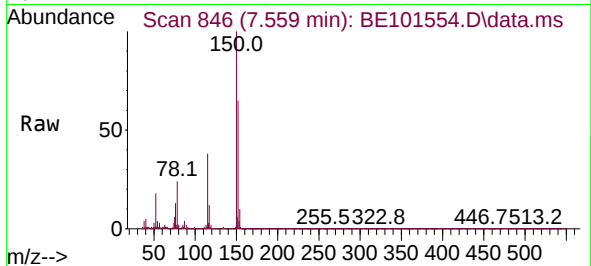




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.559 min Scan# 84
Delta R.T. -0.004 min
Lab File: BE101554.D
Acq: 8 Nov 2024 16:20

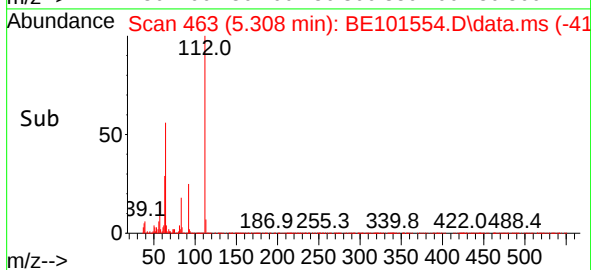
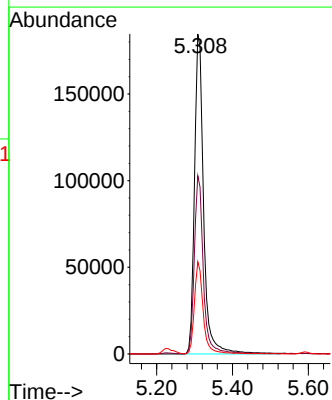
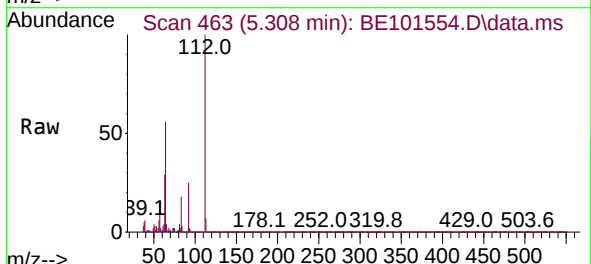
Instrument :
BNA_E
ClientSampleId :
BP-B2

Tgt Ion:152 Resp: 35981
Ion Ratio Lower Upper
152 100
150 152.7 126.3 189.5
115 58.5 45.0 67.4



#5
2-Fluorophenol
Concen: 152.295 ng
RT: 5.308 min Scan# 463
Delta R.T. -0.005 min
Lab File: BE101554.D
Acq: 8 Nov 2024 16:20

Tgt Ion:112 Resp: 309909
Ion Ratio Lower Upper
112 100
64 55.7 43.2 64.8
63 28.8 21.8 32.6





#7

Phenol-d6

Concen: 136.597 ng

RT: 6.936 min Scan# 74

Delta R.T. -0.011 min

Lab File: BE101554.D

Acq: 8 Nov 2024 16:20

Instrument :

BNA_E

ClientSampleId :

BP-B2

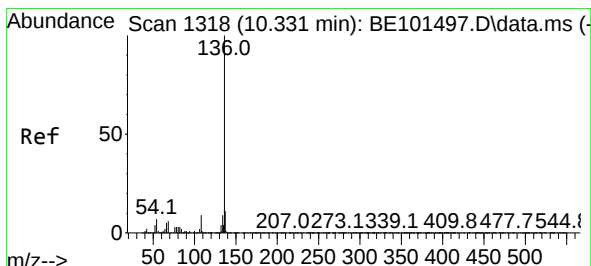
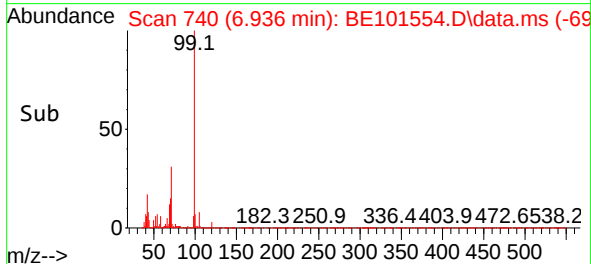
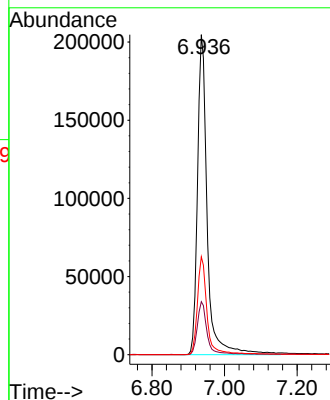
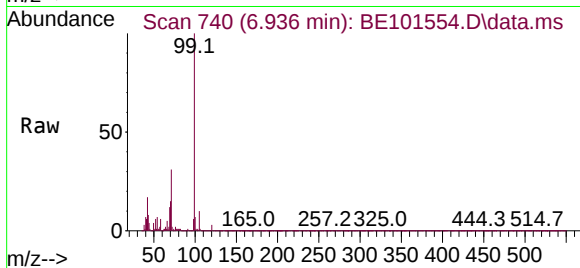
Tgt Ion: 99 Resp: 381111

Ion Ratio Lower Upper

99 100

42 16.6 12.5 18.7

71 30.6 24.2 36.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.326 min Scan# 1317

Delta R.T. -0.005 min

Lab File: BE101554.D

Acq: 8 Nov 2024 16:20

Tgt Ion:136 Resp: 152008

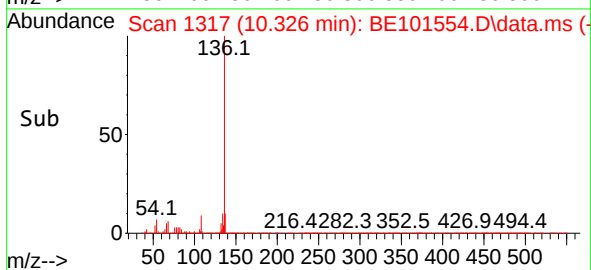
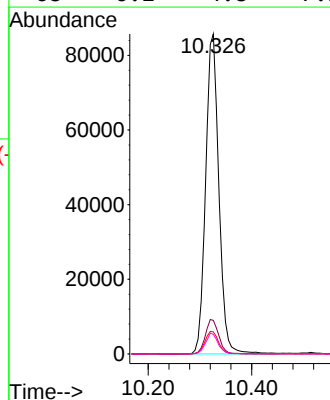
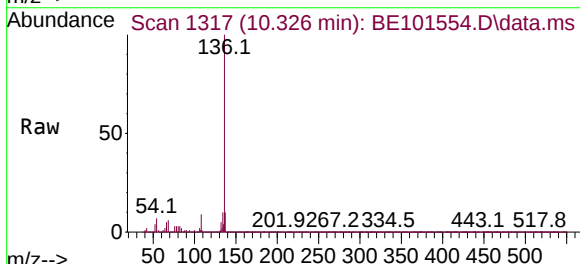
Ion Ratio Lower Upper

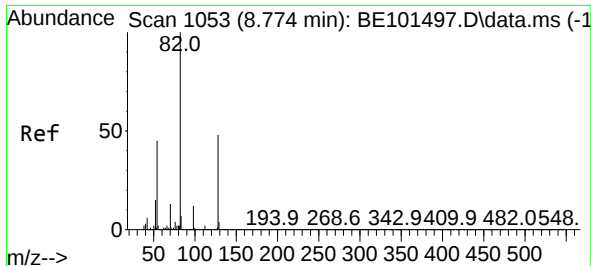
136 100

137 10.5 8.6 13.0

54 6.9 5.6 8.4

68 6.2 4.8 7.2

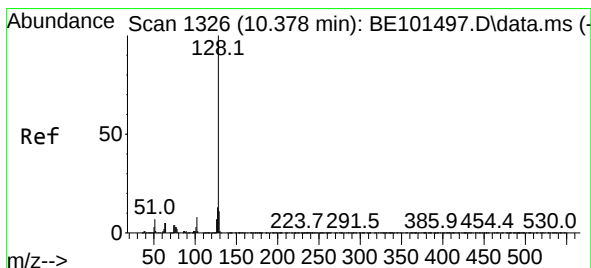
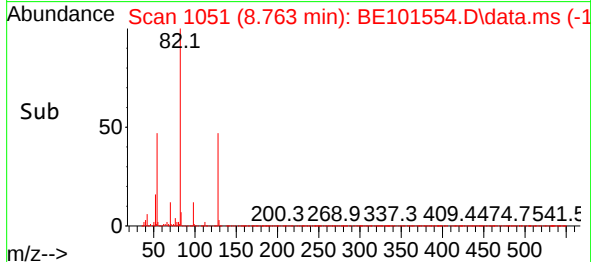
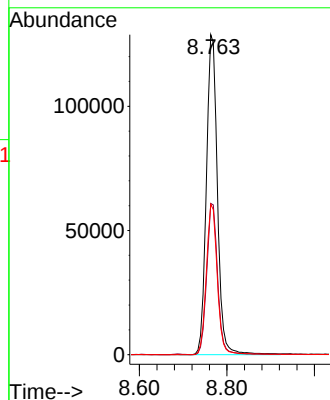
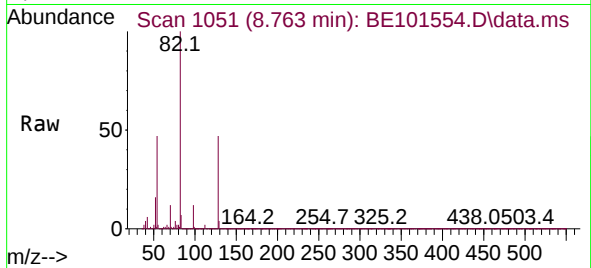




#23
Nitrobenzene-d5
Concen: 94.366 ng
RT: 8.763 min Scan# 1051
Delta R.T. -0.011 min
Lab File: BE101554.D
Acq: 8 Nov 2024 16:20

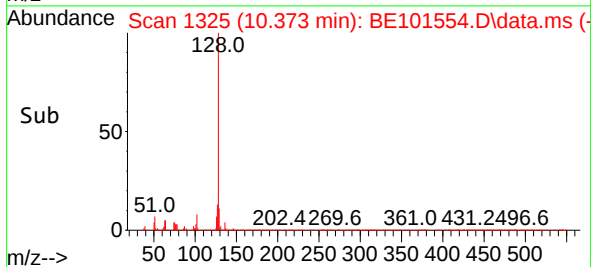
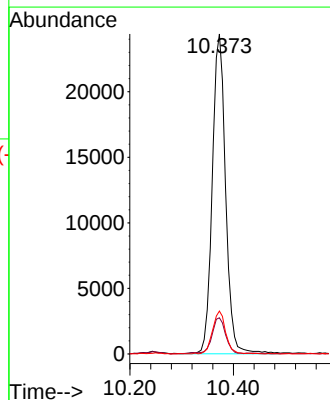
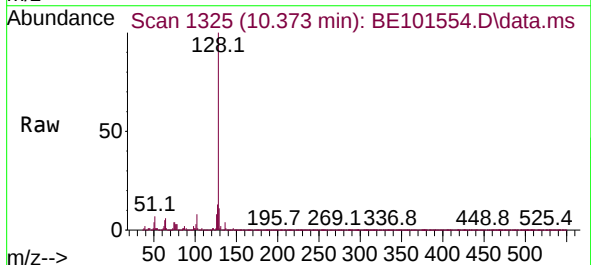
Instrument :
BNA_E
ClientSampleId :
BP-B2

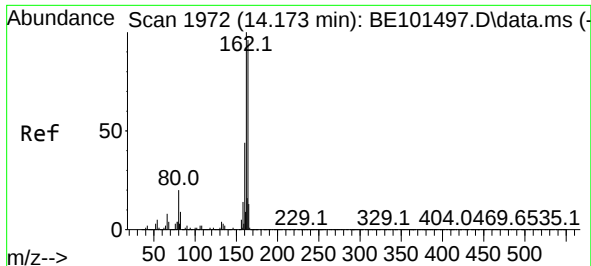
Tgt Ion: 82 Resp: 227095
Ion Ratio Lower Upper
82 100
128 47.2 38.6 58.0
54 47.0 36.3 54.5



#31
Naphthalene
Concen: 5.680 ng
RT: 10.373 min Scan# 1325
Delta R.T. -0.005 min
Lab File: BE101554.D
Acq: 8 Nov 2024 16:20

Tgt Ion: 128 Resp: 43586
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.3 15.5

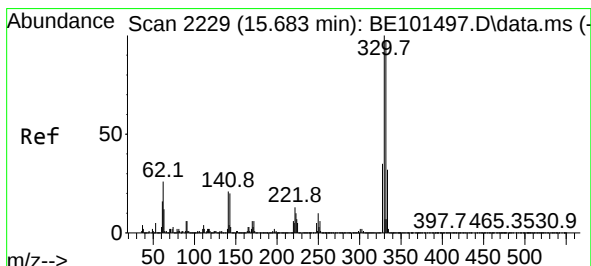
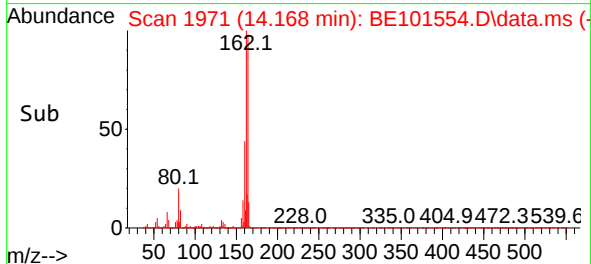
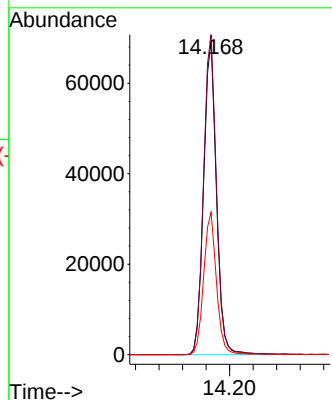
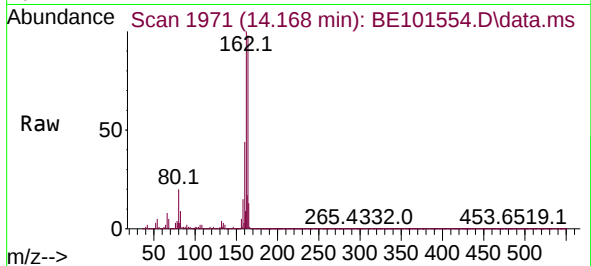




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.168 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BE101554.D
Acq: 8 Nov 2024 16:20

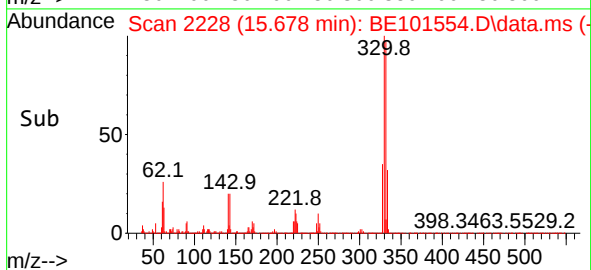
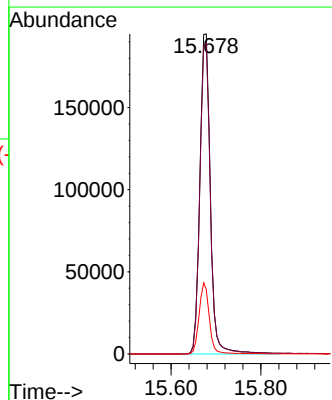
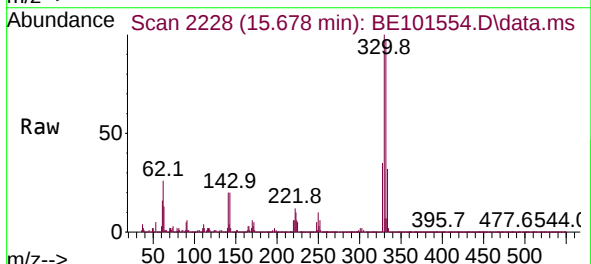
Instrument :
BNA_E
ClientSampleId :
BP-B2

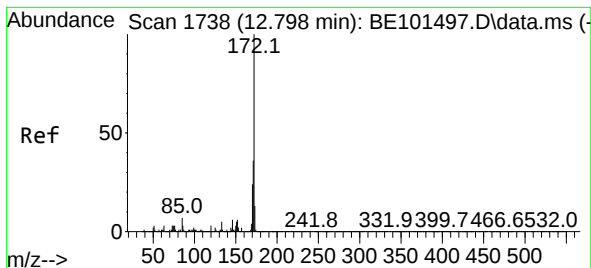
Tgt Ion:164 Resp: 104618
Ion Ratio Lower Upper
164 100
162 101.8 83.7 125.5
160 45.3 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 160.555 ng
RT: 15.678 min Scan# 2228
Delta R.T. -0.005 min
Lab File: BE101554.D
Acq: 8 Nov 2024 16:20

Tgt Ion:330 Resp: 316067
Ion Ratio Lower Upper
330 100
332 97.2 77.7 116.5
141 21.6 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 89.707 ng

RT: 12.788 min Scan# 1

Delta R.T. -0.011 min

Lab File: BE101554.D

Acq: 8 Nov 2024 16:20

Instrument :

BNA_E

ClientSampleId :

BP-B2

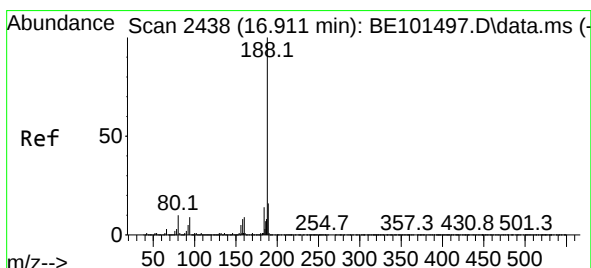
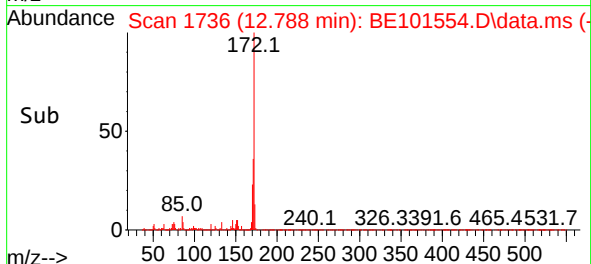
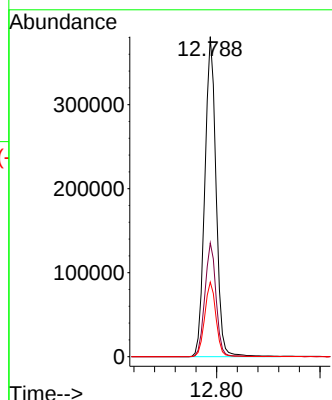
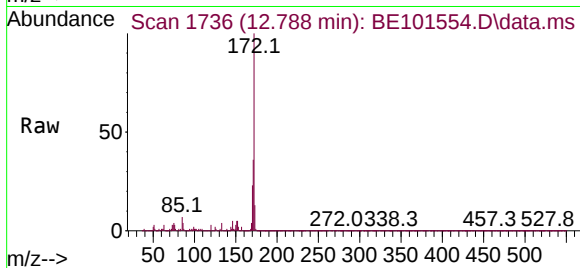
Tgt Ion:172 Resp: 574774

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.3 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.906 min Scan# 2437

Delta R.T. -0.005 min

Lab File: BE101554.D

Acq: 8 Nov 2024 16:20

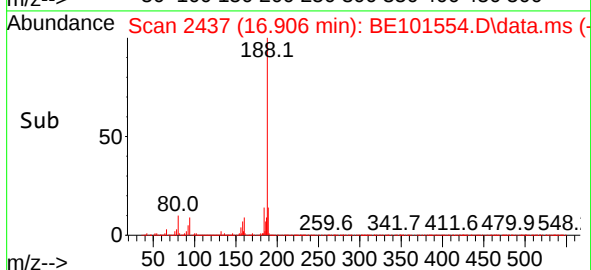
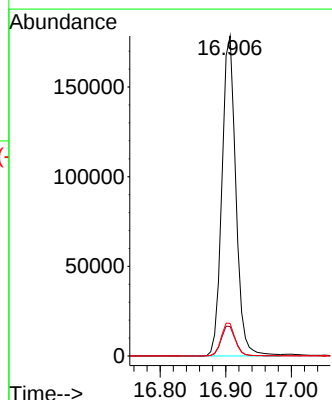
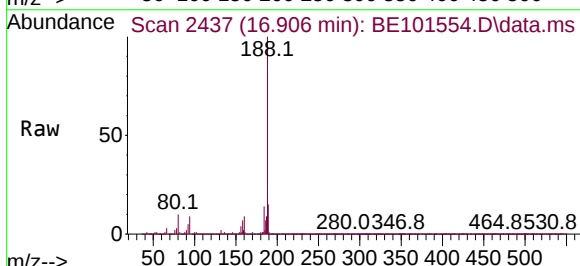
Tgt Ion:188 Resp: 262241

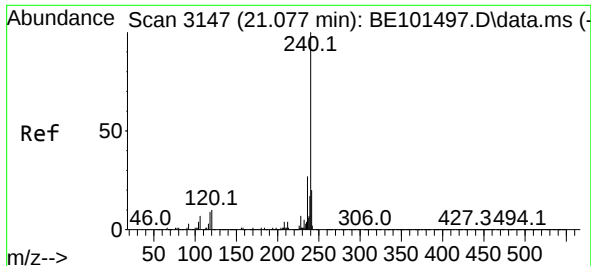
Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 10.2 8.0 12.0

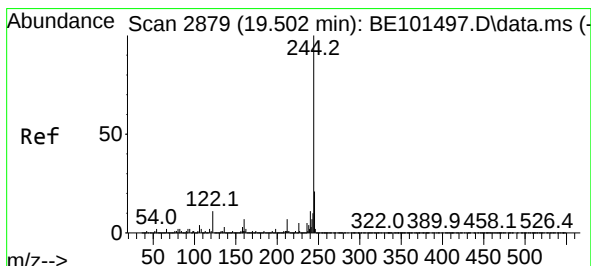
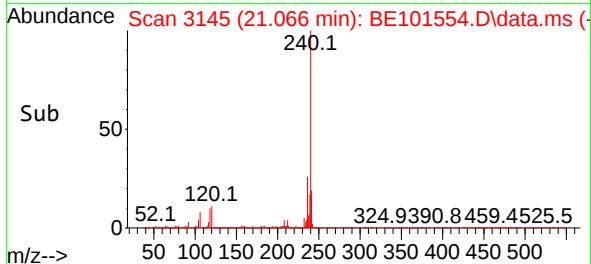
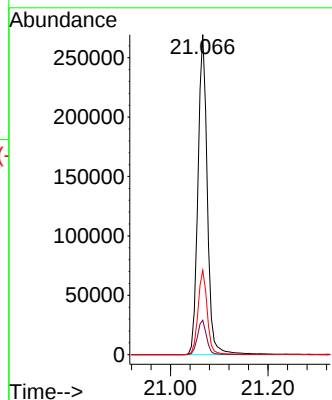
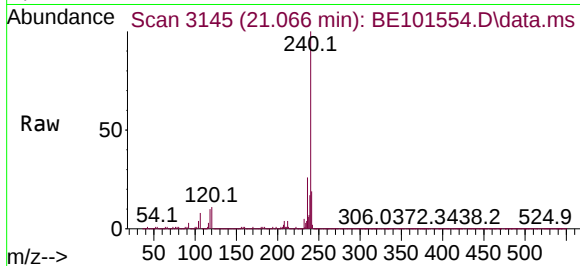




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.066 min Scan# 3145
Delta R.T. -0.011 min
Lab File: BE101554.D
Acq: 8 Nov 2024 16:20

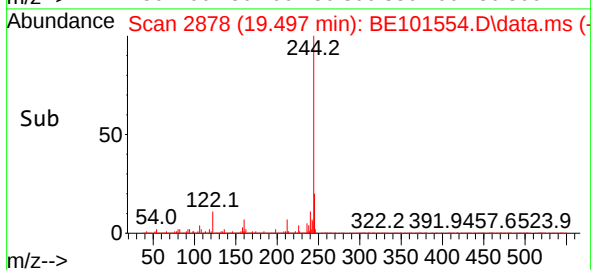
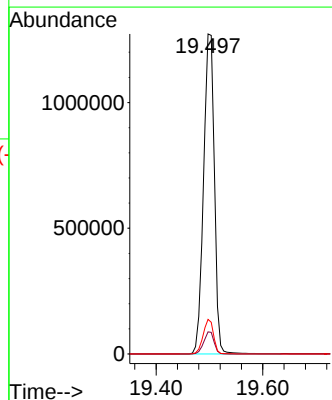
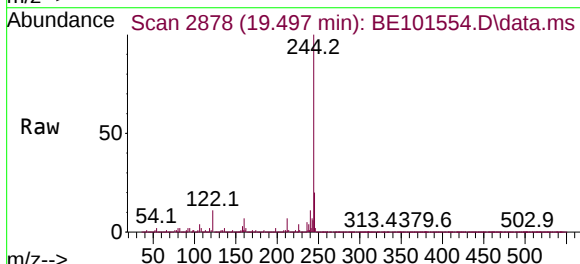
Instrument :
BNA_E
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BP-B2

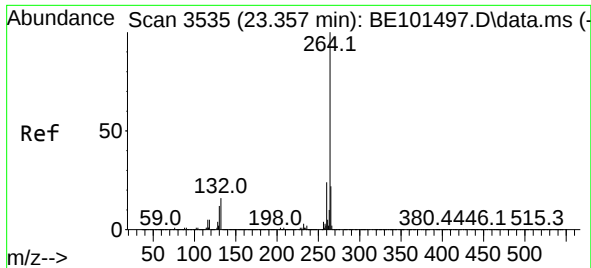
Tgt Ion:240 Resp: 362112
Ion Ratio Lower Upper
240 100
120 10.8 8.2 12.4
236 26.4 21.4 32.2



#79
Terphenyl-d14
Concen: 109.493 ng
RT: 19.497 min Scan# 2878
Delta R.T. -0.005 min
Lab File: BE101554.D
Acq: 8 Nov 2024 16:20

Tgt Ion:244 Resp: 1791177
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 10.8 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.352 min Scan# 31
Delta R.T. -0.005 min
Lab File: BE101554.D
Acq: 8 Nov 2024 16:20

Instrument :
BNA_E
ClientSampleId :
BP-B2

Tgt Ion:264 Resp: 459208

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.0	17.4	26.2

